Shahriar Rahman

I completed my BSc. from North South University in Computer Science and Engineering. My primary focus is on machine learning, deep learning, and data analysis, and have over 3 years of experience in projects related to the aforementioned fields and research with two conference paper publications.

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CORE SKILLS AND PROFICIENCIES

- **Languages:** Python, Java, C++, PHP
- **Frameworks:** Scikit-Learn, Tensorflow, Keras, Pytorch, Laravel, Selenium, Scrapy, Beautiful Soup
- **Database:** MySQL
- **Web Development :** HTML, PHP, CSS
- **Skills :** Research, Machine Learning, Deep Learning, Optimization, Data Analysis, Web Scraping, Github, and Software Design

EXPERIENCE

- 2023 - **Datajoins** – Internship (Data Analyst Intern)

EDUCATIONS

- 2021 – **BSc. In Computer Science** (North South University)

NOTABLE RESEARCH

DEEP LEARNING

- **Precise Diagnosis of Parkinson's Disease using an Ensemble of Neural Networks** - github.com/shahriar-rahman/Precise-Diagnosis-of-Parksinsons-Disease
- **Prediction of Solar Radiation using ANN** - github.com/shahriar-rahman/Prediction-of-Solar-Radiation
- **Automated Detection of Cardiac Arrhythmia based on a Hybrid CNN-LSTM Network** - github.com/shahriar-rahman/Automated-Detection-of-Cardiac-Arrhythmia
- **Prediction of Google Stock Markets using LSTM** - github.com/shahriar-rahman/Google-Stock-Market-Prediction-using-LSTM

MACHINE LEARNING

- **Netflix Customer Retention using GPR** - github.com/shahriar-rahman/Netflix-Customer-Retention-using-GPR
- **A Comparative Analysis of Amazon Book Ratings using Collaborative Filtering** - github.com/shahriar-rahman/A-Comparative-Analysis-of-Amazon-Book-Ratings-using-Collaborative-Filtering
- **Prediction of Compressive Strength using Multi-Layered Perceptron** - github.com/shahriar-rahman/Prediction-of-Compressive-Strength-using-Multi-Layered-Perceptron

DATA ANALYTICS & WEB SCRAPING

- **Data Exploration using Amazon Books Reviews** - github.com/shahriar-rahman/EDA-Amazon-Books-Reviews
- **EDA on Smart Home System** - github.com/shahriar-rahman/EDA-Smart-Home-System
- **Web Scraping Audible** - github.com/shahriar-rahman/Web-Scraping-Audible-Using-Selenium-Webdriver
- **Amazon Products Scraping** - github.com/shahriar-rahman/Amazon-Product-Scraping
- **Scraping Crypto Stocks in Finance** - github.com/shahriar-rahman/Scraping-Crypto-Stocks-in-Finance

PUBLICATIONS

- **Automated Detection of Cardiac Arrhythmia based on a Hybrid CNN-LSTM Network -** link.springer.com/chapter/10.1007/978-981-16-8774-7_32
- **Prediction of Solar Radiation Using Artificial Neural Network -** iopscience.iop.org/article/10.1088/1742-6596/1767/1/012041

NOTABLE CERTIFICATIONS

- **Neural Networks and Deep Learning** - Coursera
- **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization** - Coursera
- **Neural Network from Scratch in TensorFlow** - Coursera
- **Web Scraping with Python** - Great Learning
- **Exploratory Data Analysis with Seaborn Graphic Exploratory Data Analysis with Seaborn** - Coursera
- **Predicting House Prices with Regression using TensorFlow** - Coursera
- **Convolutional Neural Networks** - Coursera
- **Basic Image Classification with TensorFlow -** Coursera
- **Deep Learning with PyTorch: Generative Adversarial Network** - Coursera